compositions. Another object is the replacement of boron oxide in glass batches by magnesium oxides and other components. Yet, another object is the reduction of operating time for batch-free compositions and/or the reduction of refining temperatures in producing boron oxide or equivalent compositions. These and other objects are achieved by a method of producing a glass batch comprising admixing boron oxide, magnesium oxide, calcium magnesium silicate, and other glass components to produce a glass batch and then melting, refining and forming a glass product. In one embodiment, the magnesium oxide component is eliminated.

In the Claims:

5. (First Amendment) The method of claim 1 wherein the refining batch-free time of said formed glass batch is at least twenty-five percent less than that of a second glass batch of a comparative composition.

6. (First Amendment) The method of claim 1 wherein the temperature for refining of formed glass batch is at least 50 degrees Centigrade less than that required for a second glass batch of a comparative composition to produce an equivalent batch-free time.

REMARKS

Claims 1-9 were originally filed. Claim 1 and Claims 4-9 are pending in this application. Claims 1 and 4-9 are rejected. Claim 1 and Claims 4-9 are now before Examiner.

35 U.S.C. § 112, first paragraph

Examiner states "Claim 1 was amended to include a chemical formula $Ca_xMg_ySiO_z$. Specifically, the amendment also including amending the chemical formula by changing the letter following the "O" from "x" to "z". This is deemed to be new matter." Examiner noted that in the original specification and original Claim 3, the letter "z" was never present and that the